

Date: Sat, 15 Jan 94 12:59:21 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #39
To: Info-Hams

Info-Hams Digest Sat, 15 Jan 94 Volume 94 : Issue 39

Today's Topics:

 1274 clock chip
 Dayton Hamvention Registration/Tickets
 DIPOLES FED BY LADDER LINE - Q
 Good cheap RF-signal generator for home?
 Hamfests in Eastern Pennsylvania/Northern NJ
 Ham test Questions, Canada
 HDN Releases
 Help
 Land mobile mailing list?
 New QRZ Ham Radio CDROM
 Packet-Internet gateways
 QSL help pse
 safety of HT antennas
 Signaling Device Wanted
 Site Security
 Still need FM5CW route
 Vacuum Tubes, Lots of them!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 13 Jan 1994 20:31:10 GMT
From: newsflash.concordia.ca!sifon!clouso.crim.ca!hobbit.ireq.hydro.qc.ca!
macjmh.ireq.hydro.qc.ca!houlej@uunet.uu.net
Subject: 1274 clock chip
To: info-hams@ucsd.edu

In article <9401120450122855@arbbs.simivalley.ca.us> TOM PERKINS,
tom.perkins@arbbs.simivalley.ca.us writes:

> >Does anyone out there know what the clock chip is for an
> >MFJ 1274 TNC? This is a device that can be user installed
> >so that the real time clock does not have to be set every
> >time the unit is powered up. MFJ has one available for
> >about 30 bucks...but if its a \$1.98 item from Digi-Key I'll
> >buy it from them. Coming from MFJ I really don't think it
> >can anything very special...Thanks
>
> >Paul Anderson WB0ZRD at AT&T Bell Labs in Denver.
>
> Paul - I came into this discussion late, so if you found the \$1.98 (or
> equivalent) part from somewhere else, could you let me know how much and
> where?
>
> I will be putting my 1274 on line for HF packet forwarding in a few days
> and didn't know about the clock chip. Guess I don't have one now.
>
> Thanks!
>

I have an MFJ 1270. When I read about that clock chip I remembered having
seen something similar from Dallas semiconductor. It was a Dallas DS1216C.
Having access to one, I tried it and sure enough it worked.

It cost more than \$1.98 I do not have the current US price.

--

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Varennnes, Quebec
Canada, J3X 1S1

houlejm@ireq.hydro.qc.ca
Tel (514) 652-8083
Fax (514) 652-8435

Date: Sat, 15 Jan 1994 00:02:27 GMT
From: munnari.oz.au!sgiblab!rpal.rockwell.com!news.cs.indiana.edu!
babbage.ece.uc.edu!uceng.uc.edu!roach.occ.uc.edu!schriste@network.ucsd.edu
Subject: Dayton Hamvention Registration/Tickets
To: info-hams@ucsd.edu

I have gone to the Dayton Hamvention for the last 3 years, and have
dutifully filled out the ticket stub w/ name and address. Someone told
me that would get me on a mailing list to receive yearly flyers
(with the early-purchase ticket price) but so far no luck.

Is anyone out there affiliated with the group in Dayton which runs this thing, and could get my name on the list for these flyers? If so, please send me E-mail.

Thanks!

Steven

--

Steven V. Christensen
schriste@ddt.eng.uc.edu

Date: Thu, 13 Jan 1994 13:32:37 GMT
From: agate!howland.reston.ans.net!torn!nott!cunews!freenet.carleton.ca!
FreeNet.Carleton.CA!ae517@ames.arpa
Subject: DIPOLES FED BY LADDER LINE - Q
To: info-hams@ucsd.edu

In a previous article, MAYNARD@URIACC.URI.EDU () says:

>Please excuse my laziness in not researching this myself...

>

> I just bought an antenna tuner and want to put up a dipole fed
> by 450 ohm ladder line, for use across 160-10 meters. The longest
> one I have located commercially is one 135ft long with 100ft of
> feed line

W2FMI's article in the Nov 93 issue of CQ postulated that an 80 metre dipole fed with a quarter wave feed line (at 80 metres) would be the "worst case" scenario for a multi-band antenna.

He goes on in the article to say that that a 102 foot dipole fed with 31 feet on ladder line would not present as high a voltage to the balun than the previous example.

He then suggests that if one were to enlarge the second antenna to 160 foot flat top and 90 feet of ladder line, this would have yet better efficiency on 160 metres and still present manageable (sp?) impedances to the balun on 80 and 40 metres and above. I built the balun he suggested in the article but have yet to try it; with a new baby in the house, spare time is a precious commodity indeed!

de VA3RR/AA8LU
in beautiful downtown Ottawa

--

Date: 13 Jan 1994 10:15:59 -0600
From: ucsnews!sol.ctr.columbia.edu!destroyer!news.cic.net!news.plexus.com!
news.plexus.com!not-for-mail@network.ucsd.edu
Subject: Good cheap RF-signal generator for home?
To: info-hams@ucsd.edu

Hi I am looking for a good but cheap RF-signal generator
for use at home. It should be able to reach 150 MHz at
least but would prefer 512 Mhz. Thanks in advance.
73 de kf9cs in appleton,wi

Date: 14 Jan 94 20:30:51 GMT
From: ogicse!uwm.edu!msuinfo!netnews.upenn.edu!netnews.cc.lehigh.edu!
ns1.cc.lehigh.edu!sts0@network.ucsd.edu
Subject: Hamfests in Eastern Pennsylvania/Northern NJ
To: info-hams@ucsd.edu

I am looking for hamfests in Eastern PA or Northern NJ. Preferably one where
there are a lot of vendors of used and new computer equipment. Any suggestions
or pointers to a list would be greatly appreciated.

Thanks,
Steve Spang
sts0@lehigh.edu

Date: Thu, 13 Jan 1994 18:39:22 GMT
From: usc!cs.utexas.edu!utnut!torn!newshub.ccs.yorku.ca!newshub.ariel.cs.yorku.ca!
cs922150@network.ucsd.edu
Subject: Ham test Questions, Canada
To: info-hams@ucsd.edu

hi friends,
i am going to take the Canadian amateur basic licence test at the end of this
month. I need to look at a past exam so that i am familiar with the lay out of
the test etc. So if some one has copies the please could you post them on the
network or mail them to
cs922150@ariel.cs.yorku.ca

thanks in advance

Choy

Date: Wed, 12 Jan 1994 06:30:08
From: seas.smu.edu!utacfd.uta.edu!rwsys!ocitor!FredGate@uunet.uu.net
Subject: HDN Releases
To: info-hams@ucsd.edu

The following files were processed Wednesday 01-12-94:

HAMANT [HAM: Antenna design and calculation programs]

SOL25-3.ZIP (67120 bytes) Plot solar flux & sunspot data
using W1AW propagation bulletins -
by WQA4TTK

67120 bytes in 1 file(s)

HAMLOG [HAM: Amateur radio logging programs]

CQP25.ZIP (182837 bytes) California QSO Party Contest
Logging Program, by WB6YIK
SS25.ZIP (179733 bytes) ARRL Sweepstake Contest logging
programby WB6YIK

362570 bytes in 2 file(s)

HAMNEWS [HAM: Bulletins and Newsletters]

ARLB001.ZIP (1287 bytes) BID Reminder 01/04/93
ARLB002.ZIP (1608 bytes) Vanity Calls 01/04/94
ARLD001.ZIP (1452 bytes) ARRL DX Bulletin 01/04/94
ARLD002.ZIP (3056 bytes) ARRL DX Bulletin 01/06/94
ARLP001.ZIP (1896 bytes) ARRL Propagation Bulletin 01/07/94
ARLS001.ZIP (1503 bytes) ARRL Space Bulletins 01/06/94
ARLX001.ZIP (1451 bytes) ARRL Special Bulletin 01/05/94
OPDX141.ZIP (5813 bytes) Ohio/Pa DX Bulletin 01/01/94
RACES306.ZIP (2023 bytes) RACES Bulletin12/27/93
RACES307.ZIP (2169 bytes) RACES Bulletin 01/03/94
RSGB1226.ZIP (7808 bytes) RSGB Bulletin 12/26/93
RTDX1231.ZIP (2791 bytes) RTTY DX Bulletin 12/31/93
VK2WI01.ZIP (4726 bytes) VK2WI Bulletin Weekly Bulletin

37583 bytes in 13 file(s)

HAMSAT [HAM: Satellite tracking and finding programs]

OBS375.ZIP (6072 bytes) Orbital Elements 12/31/93
SPC0103.ZIP (4217 bytes) Space Bulletin 01/03/94
VESTER.ZIP (436627 bytes) SSTV/FAX480/WEFAX program by K3BC
for Jan.'94 QST article

446916 bytes in 3 file(s)

HAMSWL [HAM: Shortwave broadcast schedule distribution]

SCDX2192.ZIP (7706 bytes) Sweden Calling DX #2192 01/04/94

7706 bytes in 1 file(s)

Total of 921895 bytes in 20 file(s)

Files are available via Anonymous-FTP from <ftp.fidonet.org>
IP NET address 140.98.2.1

Directories are:

- pub/fidonet/ham/hamnews (Bulletins)
- /hamant (Antennas)
- /hamsat (Sat. prg/Amsat Bulletins)
- /hampack (Packet)
- /hamelec (Formulas)
- /hamtrain (Training Material)
- /hamlog (Logging Programs)
- /hamcomm (APLink/JvFax/Rtty/etc)
- /hammods (Equip modification)
- /hamswl (SWBC Skeds/Frequencies)
- /hamscan (Scanner Frequencies)
- /hamutil (Operating aids/utils)
- /hamsrc (Source code to programs)
- /hamdemo (Demos of new ham software)
- /hamnos (TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.
1.2 to 16.8K, 23 hours a day .

lee - wa5eha
Ham Distribution Net

Date: 13 Jan 1994 20:19 MST
From: csulb.edu!paris.ics.uci.edu!news.claremont.edu!elroy.jpl.nasa.gov!swrinde!
cs.utexas.edu!math.ohio-state.edu!sol.ctr.columbia.edu!hamblin.math.byu.edu!
news.byu.edu!cwis@library.ucla.edu
Subject: Help
To: info-hams@ucsd.edu

Date: 15 Jan 94 17:05:27 GMT
From: news-mail-gateway@ucsd.edu
Subject: Land mobile mailing list?
To: info-hams@ucsd.edu

```
>  
>Date: 13 Jan 1994 18:44:48 GMT  
>From:  
>usc!sol.ctr.columbia.edu!news.kei.com!ub!dsinc!netnews.upenn.edu!eniac.seas.ups  
>nn.edu!depolo@network.ucsd.edu  
>Subject: Land mobile mailing list?  
>To: info-hams@ucsd.edu
```

> --- Jeff

Jeff,

This should be the info you need.

If you want to be added or removed from the list or if your email address has changed contact me:

dec@dfv.rwth-aachen.de or cellular-request@dfv.rwth-aachen.de

SUBSCRIBE

Please do NOT mail to cellular@dfv.rwth-aachen.de for subscription !!!

If you want to distribute an article to all members of the mailing list please write to:

cellular@dfv.rwth-aachen.de
=====

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Hagerman, Idaho 83332-5830

Phone: 415-903-7569
208-837-4833
Fax: 208-837-6545
kcuddeba@cisco.com

Date: 15 Jan 1994 11:41:15 -0800
From: news.cerf.net!pagesat.net!olivea!sgigate.sgi.com!sgiblab!swrinde!gatech!
howland.reston.ans.net!agate!apple.com!apple.com!not-for-mail@network.ucsd.edu
Subject: New QRZ Ham Radio CDRom
To: info-hams@ucsd.edu

gilbaronw0mn@delphi.com (Gilbert Baron) writes:

>>Announcing the new QRZ! Windows Ham Radio CDRom
>>
>>Well, we've finally finished it and there are a bunch of new features.
>>First off, in addition to the DOS search program, we now have a

>Have you corrected the birthdates. All of the listings for Rochester
>Minnesota for instance list the Birth Date as 1 day after the
>actual. How did such an error get in the thing?

Maybe this is how QRZ! figures out if someone has wholesale
pirated their CD. I have QRZ! but haven't even bothered to
check if my own data is correct on it, maybe I should :-).

I did find my FT-990 mod, which was posted to the Internet, in
there. Perhaps I should ask Fred for a free copy on the next
release :-)

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

Date: 14 Jan 1994 02:02:54 GMT
From: usc!howland.reston.ans.net!noc.near.net!news.delphi.com!
jtriolo@network.ucsd.edu
Subject: Packet-Internet gateways
To: info-hams@ucsd.edu

>I have finally completed my collection of packet <-> internet gateways.
>I have placed the information on world.std.com in
>pub/hamradio/packet-internet
>
>If anyone has any updated information, please e-mail me.

Hopefully some of the amprnet listings are more reliable then WA4ONG
(44.62.0.1) here in Richmond. He goes down without warning and leaves us
isolated (since he's the main link for ax.25 mail and the ONLY site for
netmail.). I'll be sure to download the list.

73 de Jason, KD4ACG

Jason D. Triolo -- Colonial Heights, VA | -----
Amateur Radio: KD4ACG | This space for rent.
Internet : JTRIOL0@delphi.com | Call today!
Fidonet : 1:264/219.1 | -----

Date: 15 Jan 1994 11:30:59 -0800
From: news.cerf.net!pagesat.net!olivea!sgigate.sgi.com!sgiblab!swrinde!gatech!
howland.reston.ans.net!agate!apple.com!apple.com!not-for-mail@network.ucsd.edu
Subject: QSL help pse
To: info-hams@ucsd.edu

bat@gdstech.GRUMMAN.COM (Pat Masterson) writes:

>YS1X via W3HNC.
>XF4JC via XE1ECR.
>V47WZ might be WZ8D.
>HH2PK might be KA9RLJ.
>
> We are uncertain abiut these last 2. If you get confirmation,
>or other info, please let me know.

KA9RLJ was the QSL mgr that HH2PK himself was giving out during the WAE RTTY Contest. However, I don't have a card back yet after a month, so I can't absolutely confirm.

The last issue or so of WorldRadio list HH2PK with a P.O. Box in Port-au-prince.

I haven't tried the latter route yet, I am patient. He is really not that rare. Worked him again during the RTTY Roundup last week.

73,

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

Date: Sat, 15 Jan 1994 19:04:08 GMT
From: netcomsv!netcom.com!wa2ise@decwrl.dec.com
Subject: safety of HT antennas
To: info-hams@ucsd.edu

In article <2h78ldINN9r2@orb.apana.org.au> craig@orb.apana.org.au (Craig Dewick) writes:

>Is there anything that can be done to minimise the ammount of RF radiated
>around the brain by handheld transmitters? Perhaps different antenna
>styles, or maybe running the output of the HT to a seperate, fixed
>antenna on a car roof? This is not very appropriate for field use, so
>what could we do to get the field strength near the brain as low as
>possible besides reducing transmit wattage.
>

One solution (which you may have thought of, or seen used) is to get a magnetic mount 2 meter antenna, if your talkie has a BNC connector for its rubber duckie. When you're in the locomotive, stick the magmount up in the air a few feet from the window (away from immediately nearby objects, a broad somewhat flat area is best, have antenna vertical). (I would have thought the locos would have had built in dashboard radios, and an AM/FM cassette player? :-). Anyway, this would get the RF away from your body, and probably improve reception. A 2 meter antenna should work reasonably well on radios on 160 MHz.

Wave to the guy with the camera, he likes to photograph freight trains and box cars (he's my brother).

Date: Thu, 13 Jan 1994 13:58:41 -0500
From: usc!howland.reston.ans.net!sol.ctr.columbia.edu!hamblin.math.byu.edu!
yvax.byu.edu!cunyvml!rohvm1!rohvm1.mah48d@network.ucsd.edu
Subject: Signaling Device Wanted
To: info-hams@ucsd.edu

In article <2h3a1l\$ilt@agate.berkeley.edu>, ep208@garnet.berkeley.edu
(Charles Woodson) wrote, in part:

> Since we have HAM licences, at HT for each person seems like a good
> possibility. Some sort of digital squelch could be used. But they
> both feel the HT is too big and heavy.
>
> What they say they want is a device that can receive a few numbers
> like the pagers, and one that can send a few like an HT.

Have you checked out something like the Icom 2-SAT? Small size is
currently a major selling point, and some of the latest generation may be
even smaller; the 2-SAT fits almost anywhere. It has an option available
which allows coded paging, i.e., you can set it so the transmitting unit
must enter a set of tones on the touchtone pad to open the squelch of the
receiving unit. This is in addition to the CTCSS tone squelch which is
also available as an option. All this stuff fits right inside 2-SAT's tiny
case. Sounds to me like just what you want.

--

73 de John Taylor W3ZID
rohvm1.mah48d@rohmmaas.com

Date: Fri, 14 Jan 1994 06:41:30 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: Site Security
To: info-hams@ucsd.edu

Gang,

I'm still a couple hundred articles behind because I was gone for 3
weeks, but I wanted to pass along the following with regard to repeater
site security:

Back in the late 70's I was considering installing a remote base to
facilitate getting into the L.A. area with a better signal. My plan was
to dig a small vault only large enough to hold the necessary equipment;
a vent pipe, leading from the vault to slightly above ground level would
be hidden by replanted brush. The coax would run underground to a nearby
tree which would have supported and hidden the antennas and solar panel.

Weatherproofing might have been a problem, but if the output power

was kept low no vent would have really been necessary - what little heat generated would have been absorbed by the cool soil. But then this begs another question: Isn't dry soil a rather good insulator against heat?

I never followed through with this idea; I wonder if anyone has ever tried this, though.

Oh, anyone remember the Clegg FM-27? It was the very first transceiver to cover the entire 146-148 MHz portion of 2 meters without requiring xtals. I had the 27B model.

Jeff NH6IL

Date: 14 Jan 94 21:37:19 GMT
From: ogicse!cs.uoregon.edu!news.uoregon.edu!fp2-st-affairs-11.uoregon.edu!
user@network.ucsd.edu
Subject: Still need FM5CW route
To: info-hams@ucsd.edu

Not only can I not find this route, several other hams have asked me to e-mail it to them if someone responds to this posting.

Any ideas of where it goes? I don't have a recent North American callbook to check if the operation was by someone who's native to the island or if it was a visitor.

Thanks for any help.

Date: Thu, 13 Jan 1994 15:42:16 GMT
From: netcomsv!netcom.com!greg@decwrl.dec.com
Subject: Vacuum Tubes, Lots of them!
To: info-hams@ucsd.edu

In article <2h2dubINNe3g@flop.ENGR.ORST.EDU> kayd@xanth.CS.ORST.EDU (Kayd) writes:
>The Oregon State University Amateur Radio Club has a couple thousand vacuum
>tubes. These tubes vary from military/commercial, new/used, and in original
>boxes. We hope to sell the tubes in a lot to form an annuity for the club to
>use for future developments.

I guess since this is posted in the 'misc' group for amateur radio, instead of the 'swap' group, that the poster is inviting comment:

Wouldn't it be a nice thing if the OSU ARC, instead of using its wind-fall to advance its own direct interests, could find a way

to provide a service to the ham radio community by, say, starting a program of reconditioning equipment for school stations and for young hams, and providing a source of vacuum tubes for others who are doing the same?

Just a thought.

Greg

Date: Sat, 15 Jan 1994 08:58:21 -0800
From: info-hams-relay@ucsd.edu

Date: 13 Jan 94 15:54:05 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!
convex!convex.com!horak@network.ucsd.edu
To: info-hams@ucsd.edu

References <2gv7jp\$3e0@netfs.dnd.ca>, <1994Jan12.092451.1134@titan.ksc.nasa.gov>,
<2h1ag4INNbhq@abyss.West.Sun.COM>nvex.com
Subject : Re: Portable 2m Antenna for Mountaineering???

I have hiked several times with my Cushcraft 4 element 2 meter beam. If you need the extra gain from a beam, it works great and is not overly bulky to carry if you pack it into a tube or keep it in the original box. I use wingnuts to speed the assembly process and have a portable tripod to mount the thing. It's sort of home-brewed out of a similar design I saw in the ARRL handbook. Anyway, like someone else said here, the AEA Hotrod is a great little telescopic antenna that outperforms a duck several times over.

David N50FQ

End of Info-Hams Digest V94 #39

